

A<sup>2</sup>

4. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide is from a dicot.
- 

6. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide has the sequence of SEQ ID NO: 1.

7. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide is DNA.

A<sup>3</sup>

8. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide is RNA.

9. (Amended) The isolated nucleic acid of claim 64 adducted to a second nucleic acid sequence encoding a DNA-binding domain.

10. (Amended) A vector comprising at least one nucleic acid of claim 64.

11. (Amended) A recombinant expression cassette comprising a nucleic acid of claim 64.
- 

A<sup>4</sup>

13. (Amended) A non-human host cell containing the recombinant expression cassette of claim 11.
- 

A<sup>5</sup>

18. (Amended) A seed comprising the expression cassette of claim 11.
- 

A<sup>6</sup>

22. (Amended) A ribonucleic acid sequence encoding a protein having SEQ ID NO:2.
-

23. (Amended) A method of modulating the level of CycE protein in a plant cell, comprising:
- (a) transforming a plant cell with a recombinant expression cassette of claim 11;
  - (b) growing the plant cell under cell-growing conditions for a time sufficient to induce expression of the polynucleotide sufficient to modulate CycE protein in the cell.

Please add the following new claim.

64. (New) An isolated Cyclin E nucleic acid comprising a member selected from the group consisting of:
- (a) a polynucleotide that encodes a polypeptide of SEQ ID NO: 2;
  - (b) a plant Cyclin E polynucleotide having at least 70% identity to the entire coding region of SEQ ID NO: 1, wherein the % identity is determined by GCG/bestfit GAP 10 program using a gap creation penalty of 50 and a gap extension penalty of 3;
  - (c) a polynucleotide having the sequence set forth in SEQ ID NO: 1; and
  - (d) a polynucleotide complementary to a polynucleotide of (a) through (c).